

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

-Applicant:

Qian et al.

Serial No.:

10/612,534

Filed:

June 30, 2003

For:

ORGANOSOL LIQUID TONER

INCLUDING AMPHIPATHIC COPOLYMERIC BINDER HAVING CRYSTALLINE

COMPONENT

**Examiner:** 

Group Art Unit: 1756

Docket No.:

**SAM0004/US** 

Commissioner for Patents P.O.-Box-1450

Alexandria, VA 22313-1450

I CERTIFY THAT ON THURSDAY, JANUARY 15, 2004, THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE COMMISSIONER FOR PATENTS, P.O. BOX 1450,

JEANETTE M. LAMBERTA

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to the duty of disclosure imposed by 37 C.F.R. § 1.56 and in accordance with the provisions of 37 C.F.R. §§ 1.97, 1.98 and the Manual of Patent Examining Procedure 609, Applicants bring to the attention of the Examiner the following information. The Examiner's independent and thorough review of this information is solicited.

Attached hereto please find Form PTO-1449 listing the cited references. Copies of the cited references are also enclosed. The Examiner is requested to indicate consideration of each reference by initialing in the appropriate box for each reference, and returning an initialed copy with the next Official Action.

Applicants would also like to bring to the attention of the Examiner, the following copending applications. These are also listed on the attached Form PTO-1449 and the Examiner is requested to consider these and make of record in the application:

U.S. Serial No. 10/612,243, filed June 30, 2003, entitled "ORGANOSOL INCLUDING AMPHIPATHIC COPOLYMERIC BINDER AND USE OF THE ORGANOSOL TO MAKE DRY TONERS FOR ELECTROGRAPHIC APPLICATIONS" (SAM0002/US);

U.S. Serial No. 10/612,535, filed June 30, 2003, entitled "ORGANOSOL INCLUDING AMPHIPATHIC COPOLYMERIC BINDER HAVING CRYSTALLINE MATERIAL, AND USE OF THE ORGANOSOL TO MAKE DRY TONERS FOR ELECTROGRAPHIC APPLICATIONS" (SAM0003/US);

U.S. Serial No. 10/612,765, filed June 30, 2003, entitled "ORGANOSOL INCLUDING HIGH TG AMPHIPATHIC COPOLYMERIC BINDER AND LIQUID TONERS FOR ELECTROPHOTOGRAPHIC APPLICATIONS" (SAM0005/US); and

U.S. Serial No. 10/612,533, filed June 30, 2003, entitled "ORGANOSOL INCLUDING AMPHIPATHIC COPOLYMERIC BINDER MADE WITH SOLUBLE HIGH TG MONOMER AND LIQUID TONERS FOR ELECTROPHOTOGRAPHIC APPLICATIONS" (SAM0006/US).

This Information Disclosure Statement is filed pursuant to 37 C.F.R. § 1.56 to bring to the Examiner's attention those references which may be material to the Examiner for examination of this case. However, the citation of the above references in this Information Disclosure Statement is not intended to constitute an admission that any patent or other reference referred to herein is "prior art" for this invention. In this regard, Applicants expressly reserve the right to contest that any of the references constitute "prior art."

No fee is believed to be necessary for the consideration of this Information Disclosure Statement since it is being filed before the receipt of an Office Action on the merits. In case the papers cross in the mail, it is requested that consideration of this Information Disclosure Statement be given under 37 C.F.R. § 1.97 (c)(2). If any fee is required, please charge our Deposit Account No. 50-1775 and notify us of the same.

Dated: January 15, 2004

Respectfully Submitted,

Karrie G. Weaver, Reg. No. 43,245

33072

3307Z

Phone: 651-275-9836 Facsimile: 651-351-2954

KGW/10995



| & TRADER                                  | Atty. Docket No. | Serial No. |
|---|------------------|------------|
| Form PTO-1449 U.S. Department of Commerce |                  |            |
| Patent and Trademark Office               | SAM0004/US       | 10/612,534 |
|   | Applicant        |            |
| INFORMATION DISCLOSURE                    |                  |            |
| STATEMENT BY APPLICANT                    | QIAN et al.      |            |
|   | Filing Date      | Group      |
|   |                  |            |
|   | June 30, 2003    | 1756       |

U.S. PATENT DOCUMENTS

| Examiner<br>Initial | Document<br>Number | Date       | Name             | Class | Subclass | Filing Date If |
|---------------------|--------------------|------------|------------------|-------|----------|----------------|
| *******             |                    |            |                  |       |          | Appropriate    |
|                     | 3,411,936          | 11/19/1968 | Roteman_et_al    | 117_  | 37       |                |
|                     | 4,268,598          | 05/19/1981 | Leseman et al.   | 430   | 107      |                |
|                     | 4,321,404          | 03/23/1982 | Williams et al.  | 560   | 115      |                |
|                     | 4,728,983          | 03/01/1988 | Zwadlo et al.    | 355   | 4        |                |
|                     | 4,794,651          | 12/27/1988 | Landa et al.     | 430   | 110      |                |
|                     | 5,115,277          | 05/19/1992 | Camis            | 355   | 273      |                |
|                     | 5,262,259          | 11/16/1993 | Chou et al.      | 430   | 47       |                |
|                     | 5,384,226          | 01/24/1995 | Kanakura et al.  | 430   | 137      |                |
|                     | 5,410,392          | 04/25/1995 | Landa            | 355   | 271      |                |
|                     | 5,529,873          | 06/25/1996 | Chiba et al.     | 430   | 109      |                |
|                     | 5,650,253          | 07/22/1997 | Baker et al.     | 430   | 119      |                |
|                     | 5,652,282          | 07/29/1997 | Baker et al.     | 523   | 201      | ,              |
|                     | 5,698,616          | 12/16/1997 | Baker et al.     | 523   | 201      |                |
|                     | 5,886,067          | 03/23/1999 | Li et al.        | 523   | 201      |                |
|                     | 5,916,718          | 06/29/1999 | Kellie et al.    | 430   | 45       |                |
|                     | 5,965,314          | 10/12/1999 | Herman et al.    | 430   | 126      |                |
|                     | 6,037,090          | 03/14/2000 | Tanaka et al.    | 430   | 106      |                |
|                     | 6,088,560          | 07/11/2000 | Zenk et al.      | 399   | 237      |                |
|                     | 6,102,526          | 08/15/2000 | Tunius           | 347   | 55       |                |
|                     | 6,103,781          | 08/15/2000 | Li et al.        | 523   | 201      |                |
|                     | 6,136,490          | 10/24/2000 | Ogawa et al.     | 430   | 109      |                |
|                     | 6,210,852          | 04/03/2001 | Nakamura         | 430   | 110      |                |
|                     | 6,221,545          | 04/24/2001 | Tran et al.      | 430   | 10       |                |
|                     | 6,248,494          | 06/19/2001 | Yamazaki et al.  | 430   | 110      |                |
|                     | 6,255,363          | 07/03/2001 | Baker et al.     | 523   | 201      |                |
|                     | 6,316,157          | 11/13/2001 | Yoshikawa et al. | 430   | 110      |                |
|                     | 6,352,810          | 03/05/2002 | Jiang et al.     | 430   | 137.11   |                |
|                     | 6,475,685          | 11/05/2002 | Uchida et al.    | 430   | 99       |                |
|                     | 6,546,221          | 04/08/2003 | Baker et al.     | 399   | 237      |                |
|                     | 6,647,234          | 11/11/2003 | Herman et al.    | 399   | 238      | -              |
|                     | 6,649,316          | 11/18/2003 | Baker et al.     | 430   | 114      |                |

| <b>4</b>  |  |               |             |                  |       |            |             |
|---|--|---------------|-------------|------------------|-------|------------|-------------|
| TRADENT.  |  |               | Att         | Atty. Docket No. |       | Serial No. |             |
| Form PTO-1449 U.S. Department of Commerce   |  |               |             |                  |       |            |             |
| Paten   | Patent and Trademark Office  |               | SAM0004/US  |                  |       | 10/612,534 |             |
|   |  |               | Applicant   |                  |       |            |             |
| INFORMATION DISCLOSURE  |  |               |             |                  |       |            |             |
| STATEMENT BY APPLICANT  |  | QIAN et al.   |             |                  |       |            |             |
|   |  |               | Filing Date |                  | Group |            |             |
|   |  |               |             | ·                |       |            |             |
|   |  | June 30, 2003 |             |                  | 1756  |            |             |
| FOREIGN PATENT DOCUMENTS  |  |               |             |                  |       |            |             |
| Inventor  | Document   | Date          |             | Country          | Class | Sub-       | Translation |
| Name(s)   | Number   | (MM/DD/YYY    | /Y)         |                  | 0.000 | class      | Yes/No      |
|   | JP 05-119529   | 05/18/1993    | /           | Japan            |       |            | Abstract    |
|   | WO 92/17825_   | _10/15/1992   |             | PCT              |       |            | YES         |
|   |  |               |             |                  |       |            |             |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) U.S. Serial No. 10/612,243, filed June 30, 2003, entitled "ORGANOSOL INCLUDING |  |               |             |                  |       |            |             |
|   |  | , ,           |             |                  |       |            |             |
| AMPHIPATHIC COPOLYMERIC BINDER AND USE OF THE ORGANOSOL TO  |  |               |             |                  |       |            |             |
| MAKE DRY TONERS FOR ELECTROGRAPHIC APPLICATIONS" (30 pgs.)  |  |               |             |                  |       |            |             |
| U.S. Serial No. 10/612,535, filed June 30, 2003, entitled "ORGANOSOL INCLUDING  |  |               |             |                  |       |            |             |
| AMPHIPATHIC COPOLYMERIC BINDER HAVING CRYSTALLINE MATERIAL,   |  |               |             |                  |       |            |             |
| AND USE OF THE ORGANOSOL TO MAKE DRY TONERS FOR   |  |               |             |                  |       |            |             |
| ELECTROGRAPHIC APPLICATIONS" (32 pgs.)  |  |               |             |                  |       |            |             |
|   | U.S. Serial No. 10/612,765, filed June 30, 2003, entitled "ORGANOSOL INCLUDING |               |             |                  |       |            |             |
| HIGH Tg AMPHIPATHIC COPOLYMERIC BINDER AND LIQUID TONERS FOR  |  |               |             |                  |       |            |             |
| ELECTROPHOTOGRAPHIC APPLICATIONS" (26 pgs.)   |  |               |             |                  |       |            |             |
| U   | U.S. Serial No. 10/612,533, filed June 30, 2003, entitled "ORGANOSOL INCLUDING |               |             |                  |       |            |             |
|   |  |               |             |                  |       |            |             |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. KGW/10995

APPLICATIONS" (29 pgs.)

AMPHIPATHIC COPOLYMERIC BINDER MADE WITH SOLUBLE HIGH Tg

MONOMER AND LIQUID TONERS FOR ELECTROPHOTOGRAPHIC